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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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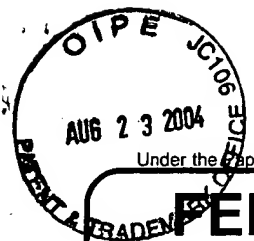
|   |                        |                   |
|---|------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number     | 09/921,359        |
|   | Filing Date            | August 2, 2001    |
|   | First Named Inventor   | Brent R. Collyer  |
|   | Group Art Unit         | 3683              |
|   | Examiner Name          | Douglas C. Butler |
| Total Number of Pages in This Submission  | Attorney Docket Number | 0712-0148         |

| ENCLOSURES (check all that apply)  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Assignment Papers (for an Application)                         | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment / Reply                                   | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Second Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer  | - Return Receipt Postcard  |
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| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                                      |  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   | Remarks   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual name                    | Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd.<br>Michael J. McGee, Esq. (Reg. No. 43,789) |
| Signature                                  |  |
| Date                                       | August 18, 2004  |

| CERTIFICATE OF MAILING  |                  |      |                 |
|---|------------------|------|-----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>August 18, 2004</u> |                  |      |                 |
| Typed or printed name   | Kathleen Johnson |      |                 |
| Signature   |                  | Date | August 18, 2004 |

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

## Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | 09/921,359        |
| Filing Date          | August 2, 2001    |
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| Examiner Name        | Douglas C. Butler |
| Art Unit             | 3683              |
| Attorney Docket No.  | 0712-0148         |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50-1039  
Deposit Account Name:

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$ )

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims:  -20\*\* =  X  =   
Independent Claims:  -3\*\* =  X  =   
Multiple Dependent:  =

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ )

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252     | 420      | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253     | 950      | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254     | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255     | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401     | 330      | 2401     | 165      | Notice of Appeal   |          |
| 1402     | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403     | 290      | 2403     | 145      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,330    | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501     | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502     | 480      | 2502     | 240      | Design issue fee   |          |
| 1503     | 640      | 2503     | 320      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  | 180.00   |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810     | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801     | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 180.00

## SUBMITTED BY

|                   |                  |                                   |                 |           |              |
|-------------------|------------------|-----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Michael J. McGee | Registration No. (Attorney/Agent) | 43,789          | Telephone | 312-236-8500 |
| Signature         |                  | Date                              | August 18, 2004 |           |              |

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 09/921,359        |
| Filing Date            | August 2, 2001    |
| First Named Inventor   | Brent R. Collyer  |
| Art Unit               | 3683              |
| Examiner Name          | Douglas C. Butler |
| Attorney Docket Number | 0712-0148         |

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|-----------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                   |  |   |
|                       | 1                        | US- 6,378,853                            | 04-30-2002                        | Kammel et al.                                      |   |
|                       | 2                        | US- 2,122,839                            | 07-05-1938                        | Guy  |   |
|                       | 3                        | US- 2,772,104                            | 11-27-1956                        | Thiry  |   |
|                       | 4                        | US- 5,288,059                            | 02-22-1994                        | Gautheron et al.                                   |   |
|                       | 5                        | US- 3,022,128                            | 07-03-1959                        | Reuter   |   |
|                       | 6                        | US- 5,437,439                            | 08-01-1995                        | Brokamp et al.                                     |   |
|                       | 7                        | US- 5,542,652                            | 08-06-1996                        | Stuart   |   |
|                       | 8                        | US- 1,734,025                            | 10-29-1929                        | Zeibig   |   |
|                       | 9                        | US- 1,794,926                            | 03-03-1931                        | Short  |   |
|                       | 10                       | US- 1,827,268                            | 10-13-1931                        | Short  |   |
|                       | 11                       | US- 1,827,233                            | 10-13-1931                        | Hughes   |   |
|                       | 12                       | US- 1,827,234                            | 10-13-1931                        | Hughes   |   |
|                       | 13                       | US- 2,191,528                            | 02-27-1940                        | Hewel  |   |
|                       | 14                       | US- 2,297,483                            | 09-29-1942                        | Kuhne  |   |
|                       | 15                       | US- 2,340,187                            | 01-25-1944                        | Hersey et al.                                      |   |
|                       | 16                       | US- 4,922,573                            | 05-08-1990                        | Miller et al.                                      |   |
|                       | 17                       | US- 5,058,867                            | 10-22-1991                        | Hadano et al.                                      |   |
|                       | 18                       | US- 5,820,115                            | 10-13-1998                        | Stevenson et al.                                   |   |
|                       | 19                       | US- 6,082,721                            | 07-04-2000                        | Kingsley   |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
|                       |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                       |                          |   |                                   |  |   |                |
|                       |                          |   |                                   |  |   |                |
|                       |                          |   |                                   |  |   |                |
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|                       |                          |   |                                   |  |   |                |
|                       |                          |   |                                   |  |   |                |

Examiner  
SignatureDate  
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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**AUG 23 2004**

PTO/SB/08A (04-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 09/921,359        |
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| Art Unit               | 3683              |
| Examiner Name          | Douglas C. Butler |
| Attorney Docket Number | 0712-0148         |

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

|                       |  |                    |  |
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| Examiner<br>Signature |  | Date<br>Considered |  |
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ATTORNEY DOCKET NO. M. CHADHA 1-1-1-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mandeep Singh Chadha, et al.

Serial No.: 09/650,851

Filed: August 29, 2000

For: FILTER CIRCUIT FOR A BIT PUMP AND  
METHOD OF CONFIGURING THE SAME

Group No.: 2634

Examiner: Shuwang Liu

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313, on  
8/20/04 (Date)

DEBBIE SAMS  
(Printed or typed name of person signing the certificate)

Debbie Sams  
(Signature of the person signing the certificate)

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. §1.56, and in accordance with the provisions of 37 C.F.R. §§1.97 and 1.98 and §609 of the Manual of Patent Examining Procedure, Applicant hereby makes an additional disclosure of the patents, publications and other information listed below and on the accompanying form PTO-1449, which references are considered to be potentially material to the patentability of the invention disclosed in the above-referenced application. Disclosures were filed previously on December 1, 2000 and June 2, 2004.

08/24/2004 BSAYASI1 00000019 09650851

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180.00 0P

Patent No.

Inventor

Issue Date

U.S. 6,573,940 B1

Yang

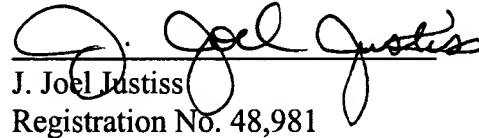
June 3, 2003

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above patents and to question the relevance and materiality of the patents listed herein, in whole, in part or in combination, subsequent to filing this Information Disclosure Statement.

A check in the amount of \$180.00 is enclosed in payment of the filing fee for this communication. However, the Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 08-2395.

Respectfully submitted,

HITT GAINES, P.C.

  
J. Joel Lustiss  
Registration No. 48,981

Date: 8/20/04

P.O. Box 832570  
Richardson, Texas 75083  
(972) 480-8800

*(Use as many sheets as necessary)*

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| Sheet | 1 | of | 1 |
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PTO/SB/08A (08-03)

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| First Named Inventor   | Mandeep Singh Chadha |
| Art Unit               | 2634                 |
| Examiner Name          | Shuwang Liu          |
| Attorney Docket Number | CHADHA 1-1-1-1       |

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

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| Examiner<br>Signature |  | Date<br>Considered |  |
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